

Claims:

1. Apparatus for generating a picture from an original picture, more specifically for photo labs, comprising an original picture input station, a camera and a holding device for holding the camera, whereas the device may be connected to an electronic computing and storing unit,

c h a r a c t e r i z e d i n t h a t

the camera is designed as a 3-chip camera (16) and is placed behind a prism divider (30) for producing a red, a green and a blue copy of the original picture respectively, each copy being detected by a camera chip.
2. Apparatus for generating a picture from an original picture, more specifically for photo labs, comprising an original picture input station, a camera and a holding device for holding the camera, whereas the apparatus may be connected to an electronic computing and storing unit, more specifically according to claim 1,

c h a r a c t e r i z e d i n t h a t

the original picture input station is designed as an original picture carrier (14) that may be traveled in four directions.
3. Apparatus according to claim 2,

c h a r a c t e r i z e d i n t h a t

the original picture input station comprises a suction device that holds the original picture (24) in the original picture carrier (14) by means of negative pressure by way of a number of aspirating ports provided in the original picture carrier (14).

4. Apparatus according to one of the previous claims,
c h a r a c t e r i z e d i n t h a t
the camera (16) comprises a zoom lens (26).

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5. Apparatus according to claim 4,

c h a r a c t e r i z e d i n t h a t
the zoom lens (26) is carried in an oil sliding bearing.

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6. Apparatus according to one of the claims 2 through 5,
c h a r a c t e r i z e d i n t h a t
the original picture carrier (14) contains sensors for detecting the
size of the original picture (24).

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7. Method for generating a picture from an original picture, more
particularly for photo labs, at least two, preferably three
monochromatic copies of different color being generated from the
original picture, whereas these monochromatic copies are captured
and digitized by a camera and processed further in an electronic
computer,
c h a r a c t e r i z e d i n t h a t
the original picture is simultaneously divided into two or three
monochromatic copies of different color by means of a prism divider
and that the copies are concurrently detected and digitized by means
of a 3-chip camera.

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8. Method according to claim 7,
c h a r a c t e r i z e d i n t h a t
the position of the original picture is detected by detecting its edges
and that data that do not pertain to the original picture are not
stored.

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